

CLAIMS:

1. A method of decompression a compressed encoded video signal, the method comprising:

decoding (7) the compressed encoded video signal to obtain a decoded video signal; and

5 post-processing the decoded video signal by temporal up-conversion (10) and, prior to said temporal up-conversion (10), spatial enhancement (9).

2. A method as claimed in claim 1, wherein a spatial up-conversion (8) is conducted prior to said spatial enhancement (9).

10 3. A method as claimed in claim 2, wherein said spatial up-conversion (8) comprises a vertical up-conversion (13) conducted prior to said spatial enhancement (9), a horizontal spatial up-conversion (14) being conducted after said temporal up-conversion (10) respectively.

15 4. A method as claimed in claim 1, wherein said spatial enhancement (9) comprises spatial edge enhancement.

20 5. A method as claimed in claim 4, wherein said spatial edge enhancement (9) is carried out by peaking filtering.

6. A method as claimed in claim 5, wherein said peaking filtering is controlled by a spread of pixel values.

25 7. A decoder for decompression a compressed encoded video signal, the decoder comprising:

decoding means (7) for decoding the compressed encoded video signal to obtain a decoded signal; and

means for post-processing the decoded signal, the means for post-processing comprising temporal up-conversion means (10) and spatial enhancement means (9) coupled in between said decoding means (7) and said temporal up-conversion means (10).

5 8. A decoder as claimed in claim 7, the decoder further comprising means for spatial up-conversion (8) prior to said spatial enhancement means (9).

9. A decoder as claimed in claim 8, wherein said spatial up-conversion means (8) comprises vertical up-conversion means (13) prior to said spatial enhancement means (9), the
10 decoder further comprising horizontal spatial up-conversion means (14) after said temporal up-conversion means (10) respectively.

10. A video recording or reproduction device comprising a decoder according to claim 7.

09989254 4 4 2004
T 52254 4 4 2004
09989254 4 4 2004